

IN THE CLAIMS

Please amend the claims as follows. This listing of claims replaces all prior versions and listings of claims in the application:

1 (Currently Amended) A method of granting access to a secured service provided by at least one destination server ~~a calling destination~~, comprising:

receiving a telephone number signal from a calling source, said telephone number signal indicating said at least one destination server ~~the calling destination~~;

identifying a directory number corresponding to said calling source in response to receiving said telephone number signal;

determining if said calling source has authorization to the secured service provided by said at least one destination server ~~the calling destination~~; and

retrieving an authentication key when said calling source has authorization to the said secured service.

2. (Currently Amended) The method of claim 1, further comprising:

providing said authentication key to said at least one destination server ~~the calling destination~~.

3. (Currently Amended) A computer-useable medium storing a computer program product for use in a communications network, said computer program product comprising:

computer-readable code for receiving a telephone number signal from a calling source, said telephone number signal indicating at least one destination server ~~a calling destination~~;

computer-readable code for identifying a directory number corresponding to said calling source in response to receiving said telephone number signal;

computer-readable code for determining if said calling source has authorization to a secured service provided by said at least one destination server ~~calling destination~~; and

computer-readable code for retrieving an authentication key when said calling source has authorization to a secured service provided by said at least one destination server ~~calling destination~~.

4. (Currently Amended) The computer-useable medium of claim 3, further comprising:

computer-readable code for providing said authentication key to ~~[[a]]~~ at least one key server in communication with said at least one destination server ~~calling destination~~.

5. (Currently Amended) A method for operating a communication network, comprising:

providing a trigger to a switch, said trigger indicating an attempt by a calling source to establish a communication link with at least one destination server ~~a calling destination~~;

operating said switch to provide a query to a service control point in response to said trigger, said query including an authorization to establish said communication link between said calling source and said at least one destination server ~~calling destination~~; ~~and~~

operating said service control point to retrieve an authentication key from a database in response to said query when a directory number corresponding to said calling source is stored within said database.

6. (Currently Amended) The method of claim 5, further comprising:

operating said service control point to provide said authentication key to ~~[[a]]~~ at least one key server in communication with said at least one destination server ~~calling destination~~.

7. (Currently Amended) The method of claim 6, further comprising:

operating said at least one key server to provide said authentication key to said at least one destination server ~~calling destination~~.

8. (Currently Amended) The method of claim 6, further comprising:
operating said service control point to remove said authentication key from said at least one key server.
9. (Currently Amended) A communication network, comprising:
a switch operable to receive a trigger indicating an attempt by a calling source to establish a communication link with at least one destination server ~~a calling destination~~;
a service control point; and
a database operable to store a set of authorized directory numbers and an authentication key,
wherein said switch is further operable to provide a query to said service control point in response to said trigger, said query including an authorization to establish said communication link between said calling source and said at least one destination server ~~calling destination~~,
said service control point is operable to retrieve said authentication key from said database in response to said query when a directory number corresponding to said calling source is listed within said set of authorized directory numbers as stored within said database.
42. (Cancelled).¹
11. (Cancelled).
12. (Currently Amended) A method of operating a communication network, comprising:
operating a calling source to provide a telephone number signal to a communication network, said telephone number signal representative of at least one destination server ~~a calling destination~~;
operating said communication network to determine if a directory number corresponding to said calling source is listed within a set of authorized directory numbers stored within said communication network; and

¹ The original order of the claims at the time of filing has been preserved even though claims 42, 44, and 45 are numerically out of order.

operating said communication network to provide an authentication key to [[a]]
said at least one key server in communication with said at least one destination server
~~calling destination~~ when said directory number is listed within said set of authorized
directory numbers.

44. (Cancelled).

14. (Cancelled).

15. (Cancelled).

16. (Currently Amended) A system, comprising:

a calling source;

at least one destination server ~~a calling destination~~;

a communication network in communication with said calling source and said at
least one destination server ~~calling destination~~; and

[[a]] at least one key server in communication with said at least one destination
server ~~calling destination~~ and said communication network, wherein

said calling source is operable to provide a telephone signal to said
communication network, said telephone number being representative of said at
least one destination server ~~calling destination~~,

said communication network is operable to determine if a directory
number corresponding to said calling source is listed within a set of authorized
directory numbers stored within said communication network, and

said communication network is further operable to provide an
authentication key to said at least one key server when said directory number is
listed within said set of authorized directory numbers.

17. (Currently Amended) The system of claim 16, wherein

said at least one key server is operable to provide said authentication key to said
calling destination.

18. (Currently Amended) The system of claim 17, wherein

said communication network is further operable to establish a communication link between said calling source and said at least one destination server ~~calling destination~~ in response to said telephone number signal; and

said at least one destination server ~~calling destination~~ is operable to provide said authentication key through said communication link to said calling source.

19. (Currently Amended) The system of claim 16, wherein

said communication network is further operable to remove said authentication key from said communication network after providing said authentication key to said at least one key server.

45. (Cancelled).

20. (Currently Amended) The communications network of claim 9, wherein said service control point is further operable to provide said authentication key to ~~[[a]]~~ at least one key server in communication with said at least one destination server ~~calling destination~~.

21. (Currently Amended) The method of claim 12, further comprising operating said at least one key server to provide said authentication key to said at least one destination server ~~calling destination~~.

22. (Currently Amended) The system of claim 16, wherein said calling source is a client workstation; ~~said calling destination is an Internet server~~; and said communication network includes an advanced intelligent network.

23. (Currently Amended) The method of claim 21, further comprising:

operating said communications network to establish a communication link between said calling source and said at least one destination server ~~calling destination~~.

24. (Currently Amended) The method of claim 21, further comprising:

operating said communications network to remove said authentication key from said communication network after providing said authentication key to said at least one key server.

25. (Currently Amended) The communication network of claim 20, wherein:

said service control point is further operable to remove said authentication key from said at least one key server after said at least one key server provides provide said authentication key to said at least one destination server ~~calling destination~~.